

Title (en)

Cosmetic with enhanced collagen I synthesis

Title (de)

Kosmetika mit verbesserter Kollagen-I-Synthese

Title (fr)

Cosmétique doté de synthèse améliorée de collagène I

Publication

EP 2545897 A1 20130116 (EN)

Application

EP 11173985 A 20110714

Priority

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Abstract (en)

The invention relates to a cosmetic comprising two different systems for procurement of actives in the human skin and enhancing the collagen I synthesis. The invention is realised by a cosmetic with enhanced collagen I synthesis which comprises as main components a first retinol-containing system comprising Chitosan and carboxymethyl cellulose, wherein the retinol content is in the range of 0,1 to 2 % by weight, related to the weight of the first retinol-containing system; and a second retinol-containing system comprising cationic liposomes with a quaternary fatty acid monoamine with C21 - C23 alkyl residues wherein the retinol content is in the range of 0.1 - 3 % by weight, related to the weight of the second retinol-containing system. Very small amounts of retinol in combination with both transport systems show a remarkable effect on the synthesis of collagen I in comparison with one or more other known combinations of retinol derivatives or encapsulated systems.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (applicant)

- EP 2113241 A2 20091104 - COTY PRESTIGE LANCASTER GROUP [DE]
- DE 102010030001 A1 20101209 - ROVI COSMETICS INT GMBH [DE]

Citation (search report)

- [AD] EP 2113241 A2 20091104 - COTY PRESTIGE LANCASTER GROUP [DE]
- [A] WO 2009053414 A2 20090430 - COTY PRESTIGE LANCASTER GROUP [DE], et al
- [AD] DE 102010030001 A1 20101209 - ROVI COSMETICS INT GMBH [DE]
- [A] US 6183774 B1 20010206 - AUST DUNCAN T [US], et al
- [A] US 2003206958 A1 20031106 - CATTANEO MAURIZIO V [US], et al

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Designated contracting state (EPC)

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DOCDB simple family (application)

EP 11173985 A 20110714; CN 201280035447 A 20120713; EP 12745428 A 20120713; EP 2012063834 W 20120713; ES 12745428 T 20120713; HK 14111698 A 20141120; KR 20147003658 A 20120713; US 201214232727 A 20120713